

MEMORANDUM

UMCSF
1.8 V1CHECK
INFORMATION _____
FOR ACTION _____
PERMIT _____
OTHER _____

TO: ^{TMM} Thomas McCann, Mark Premo and Files

FROM: Laurence Ashley ^{LA}

SUBJECT: UNIVERSAL MANUFACTURING, WOODINVILLE

DATE: October 11, 1974

State of
Washington
Department
of Ecology

Seven water samples from various points at and around the Universal Manufacturing Company, Woodinville were collected and delivered 9-30-74 to the laboratory for chemical analyses. The attached map gives the location of the sample points. Pictures were taken 10-2-74 to give a clearer view of the ponds.

The results:

Sample Points	Methylene-Blue- active substances mg/l -----mg/l-----				
	Total apparent LAS*	Copper	Zinc	Lead	Cadmium
Hose outfall		0.01	0.24	<.05	<.01
Stream at NE corner of plant above effluent pipe		0.01	0.01	<.05	<.01
Effluent at NE corner of plant		2.7	0.3	<.05	<.01
Effluent Pond		52.0	0.19	0.5	.01
Outfall from main settling pond & hose	0.6	1.3	0.03	<.05	<.01
Stream on northside of plant site before con- fluence with other streams just above 144th NE culvert	1.0	0.42	0.02	<.05	<.01
At downstream side of culvert under roadway-in front of Foremost Packaging Machines, Inc.	0.7	0.33	0.02	<.05	<.01

*LAS - linear alkylate sulfonate

LA:mk
10-11-74 dt

USEPA SF



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cc: Jerry Cox, County Health Dept. (EM 3-4765)

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